

FIG. 1 PRIOR ART

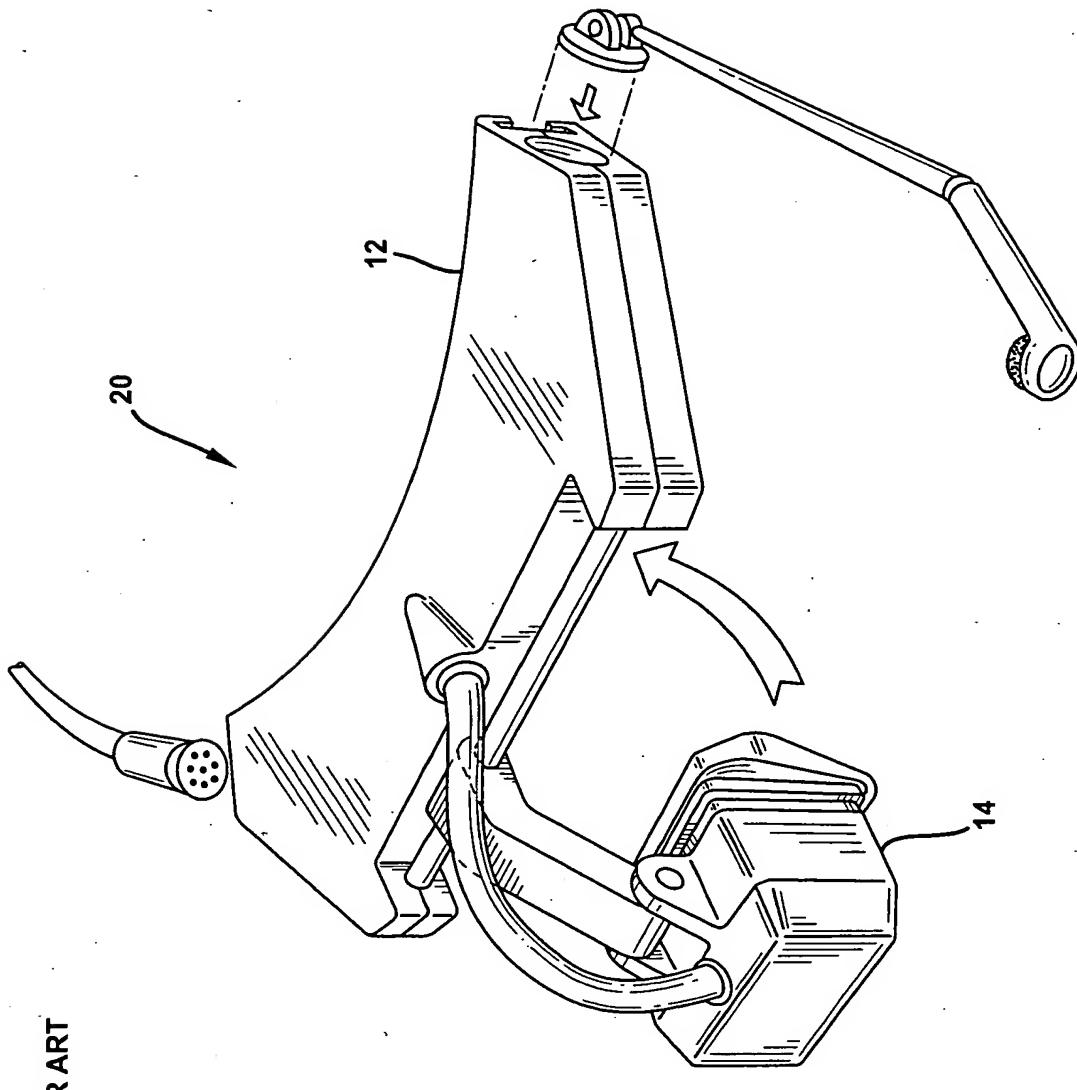


FIG. 2 PRIOR ART

FIG. 3A

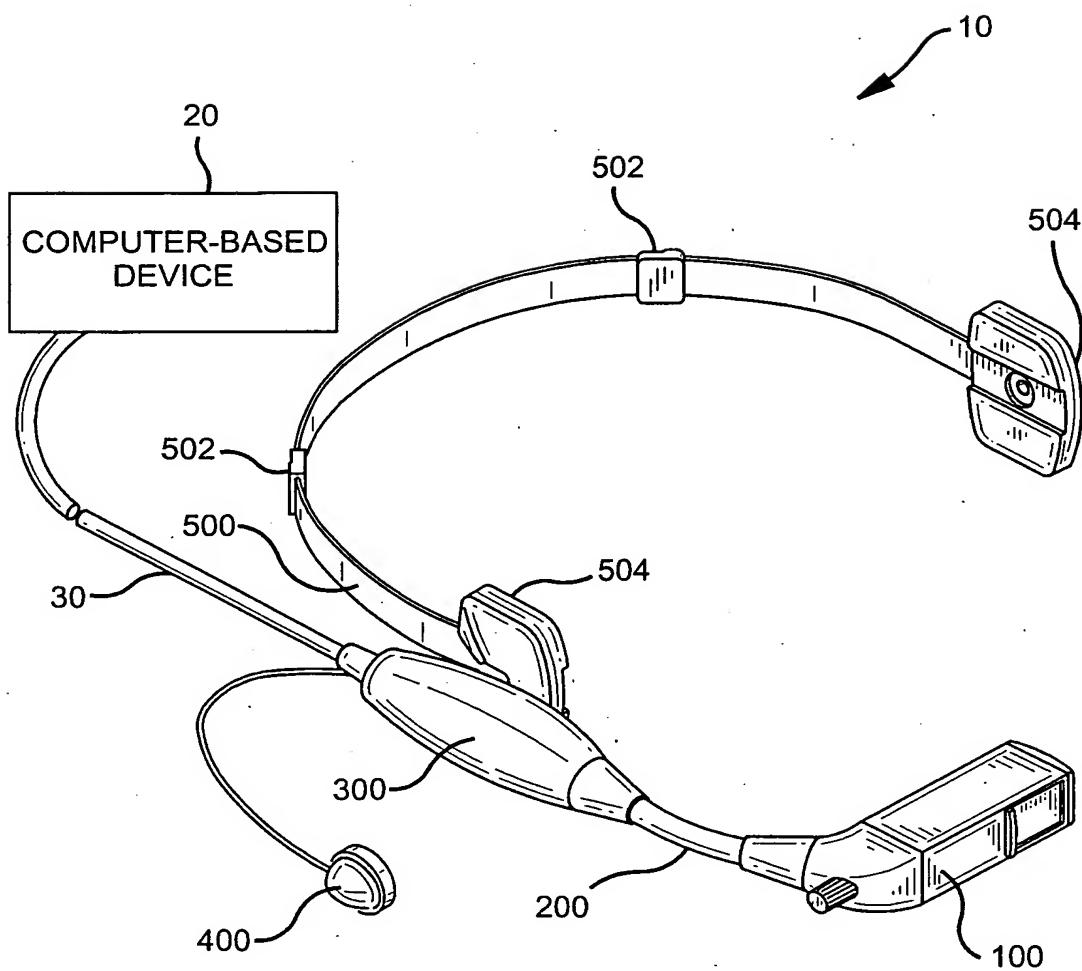


FIG. 3B

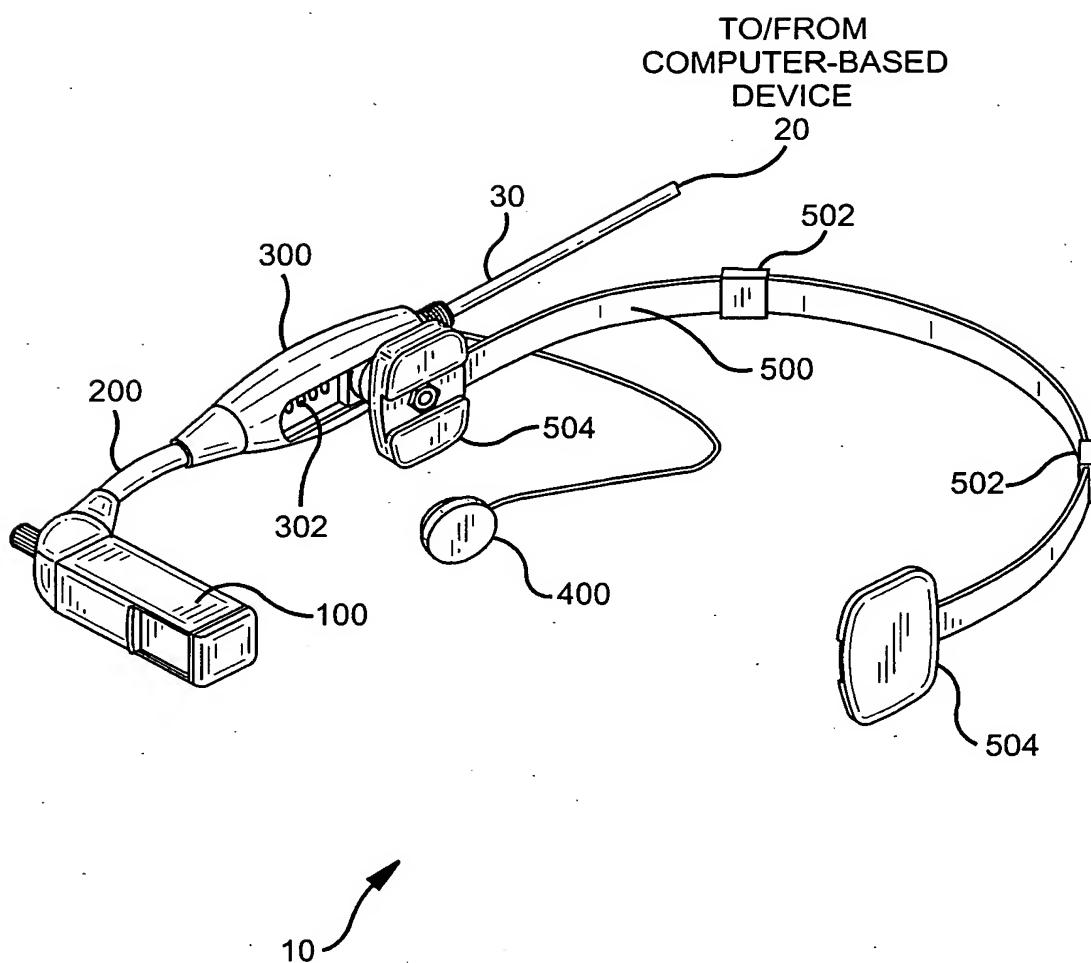
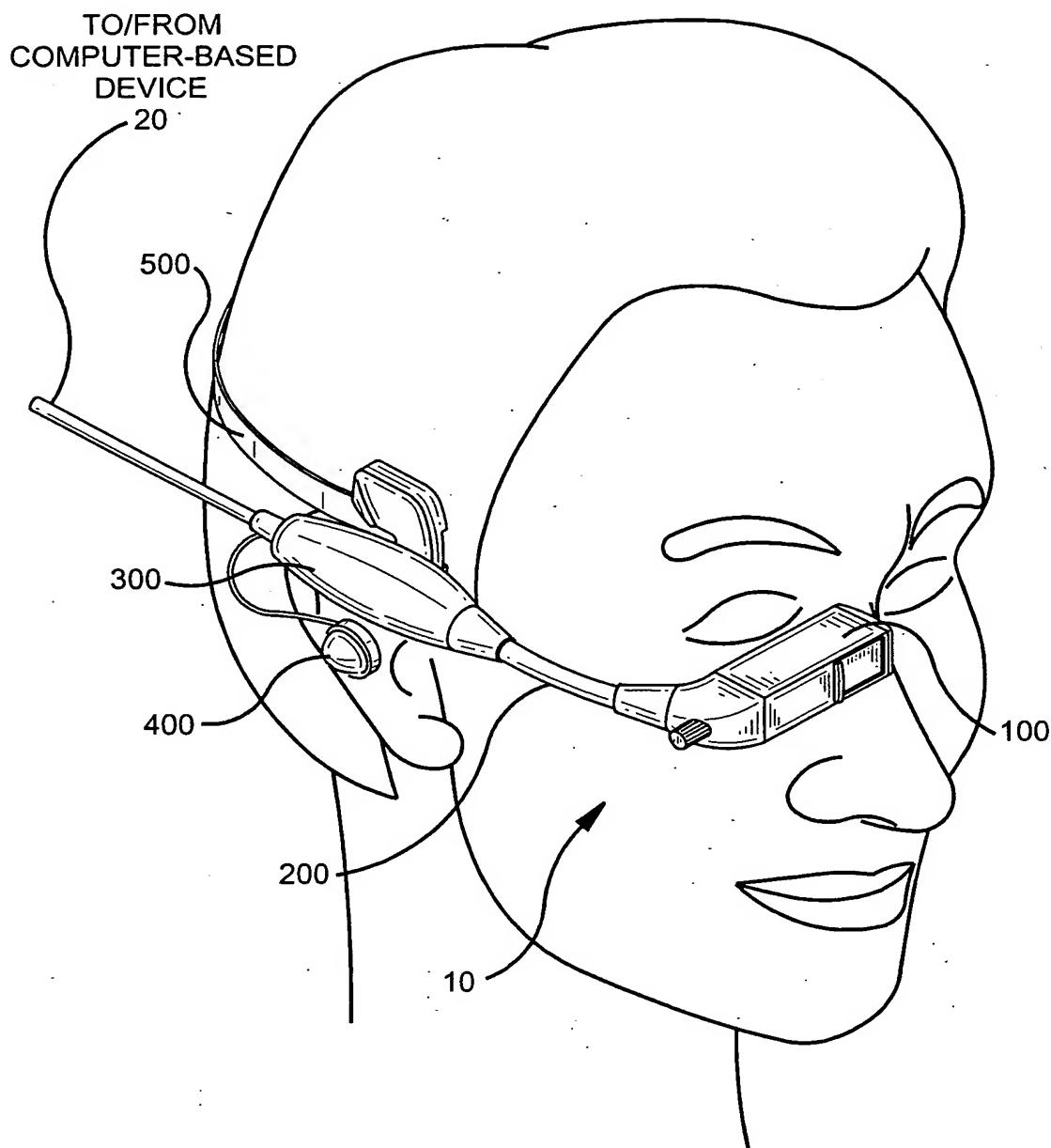


FIG. 4



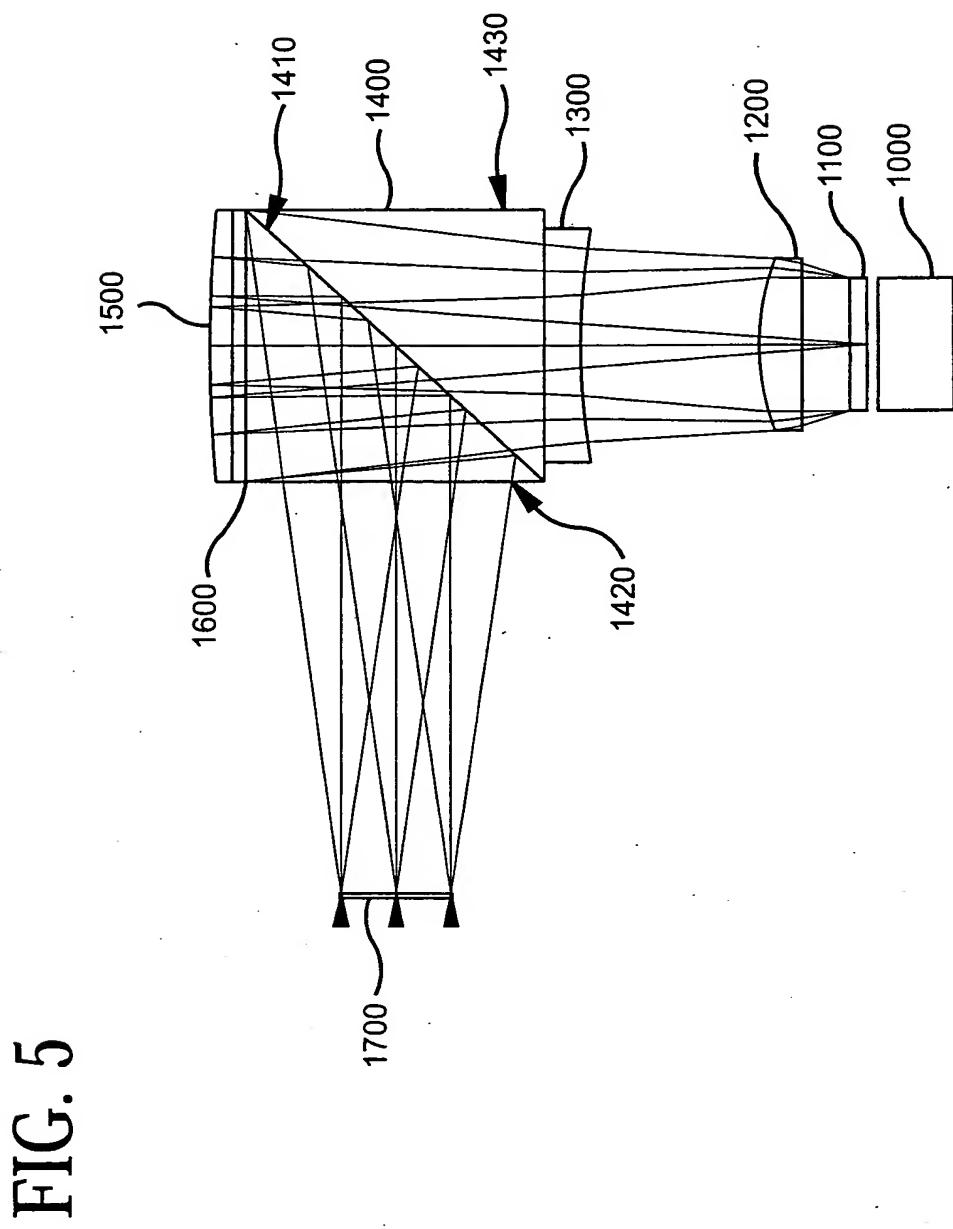


FIG. 6A

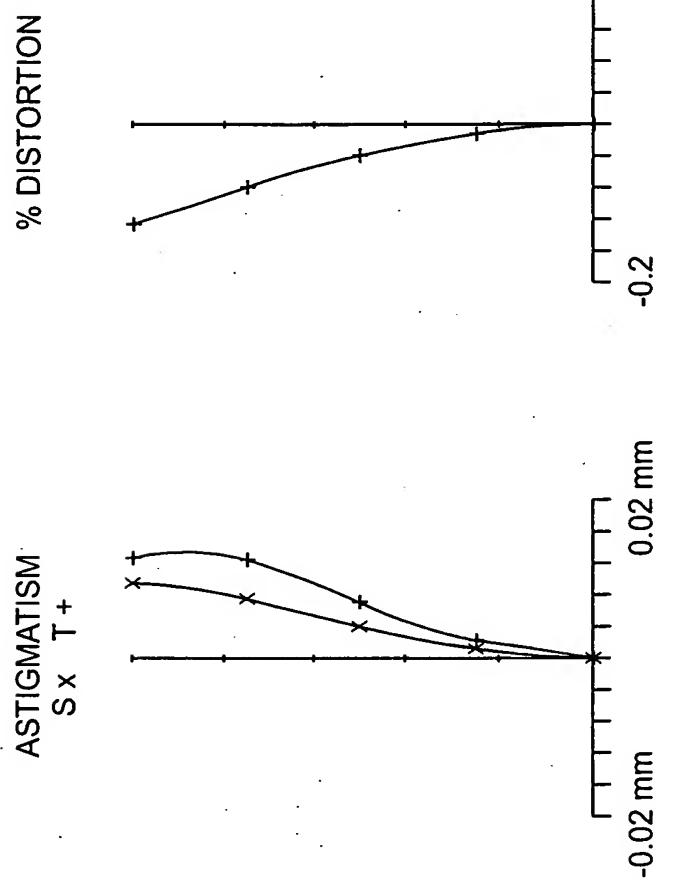


FIG. 6B

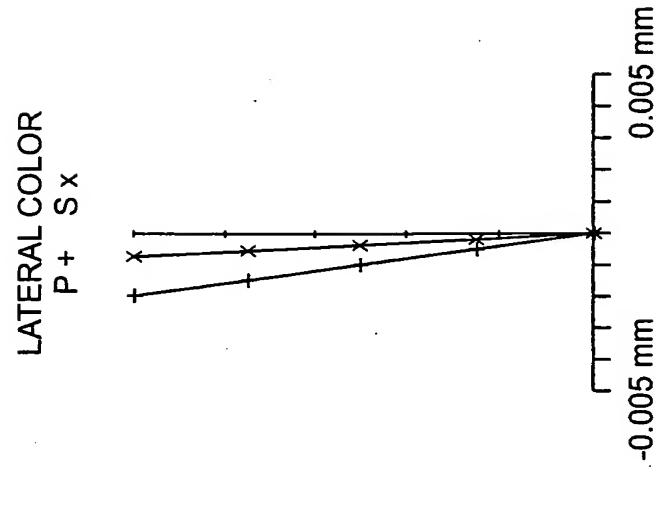
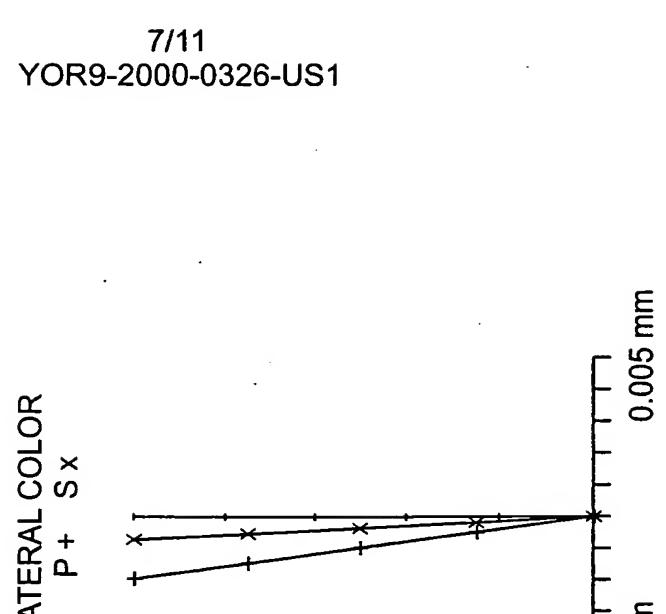


FIG. 6C



## FIG. 7 LENS DATA

	<u>A</u> SRF	<u>B</u> RADIUS	<u>C</u> THICKNESS	<u>D</u> APERTURE RADIUS	<u>E</u> GLASS TYPE
	OBJ	--	-1.0000e+23	1.4375e+22	AIR
	AST	--	--	3.000000 AS	AIR
	2	--	0.000100	3.000000	BK7
	3	--	--	3.000000	AIR
	4	--	25.000000	3.000000	AIR
1400	5	--	8.250000	8.250000	BK7
	6	--	--	11.000000	REFLECT
	7	--	-8.250000	8.250000	BK7
	8	--	-2.000000	8.250000	BK7
1500	9	78.000000	--	8.250000	REFLECT
	10	--	2.000000	10.000000	BK7
	11	--	8.250000	8.250000 P	BK7
1400	12	--	8.250000	7.124729 S	BK7
	13	--	--	6.140874 S	AIR
1300	14	--	2.000000	6.140874 S	SF1
	15	42.500000	--	7.000000	AIR
	16	--	--	5.930217 S	AIR
	17	--	9.793505	5.930217 S	AIR
1200	18	15.300000	2.250000	5.139002 S	BK7
	19	-105.300000	--	4.761667 S	AIR
	20	--	1.712715	4.761667 S	AIR
	21	--	1.000000	4.285971 S	AIR
1100	22	--	0.900000	4.008228 S	BK7
	23	--	--	3.843427 S	BK7
	24	--	--	3.843427 S	AIR
	IMS	--	--	3.843427	

FIG. 8

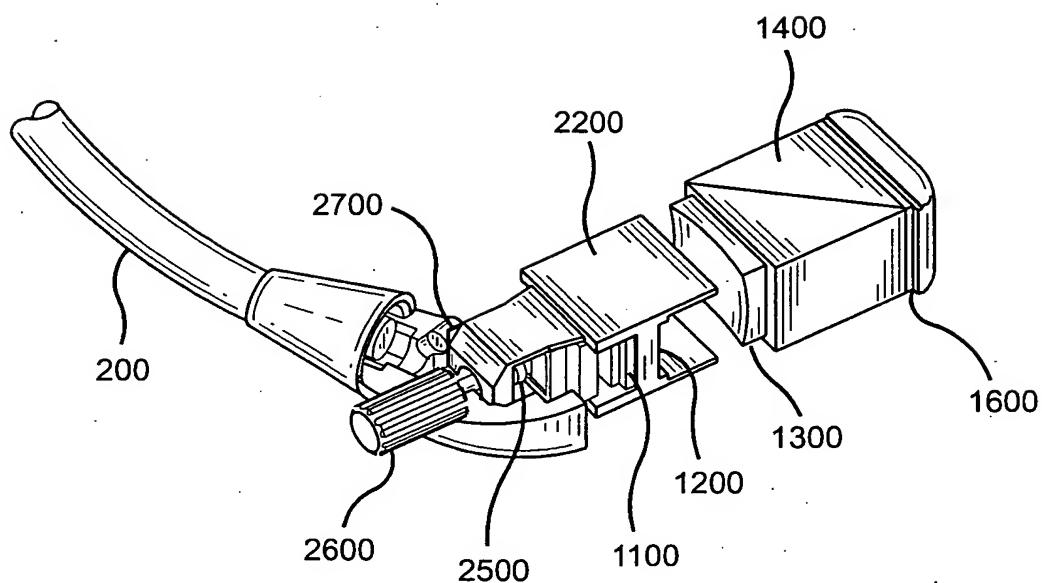


FIG. 9A

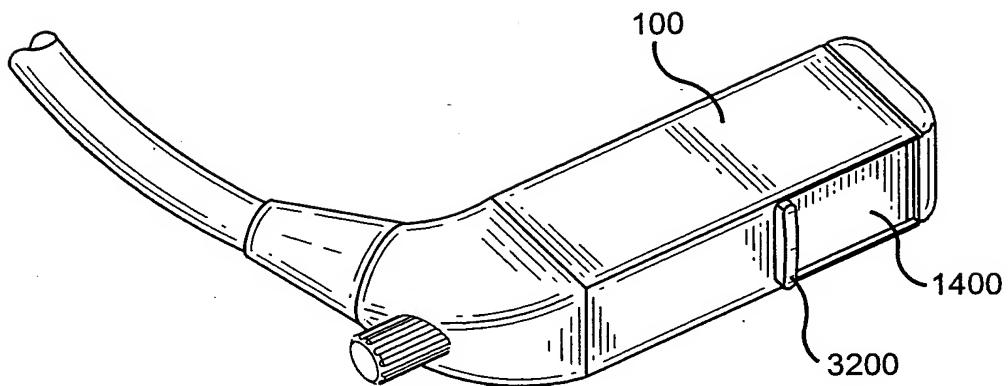


FIG. 9B

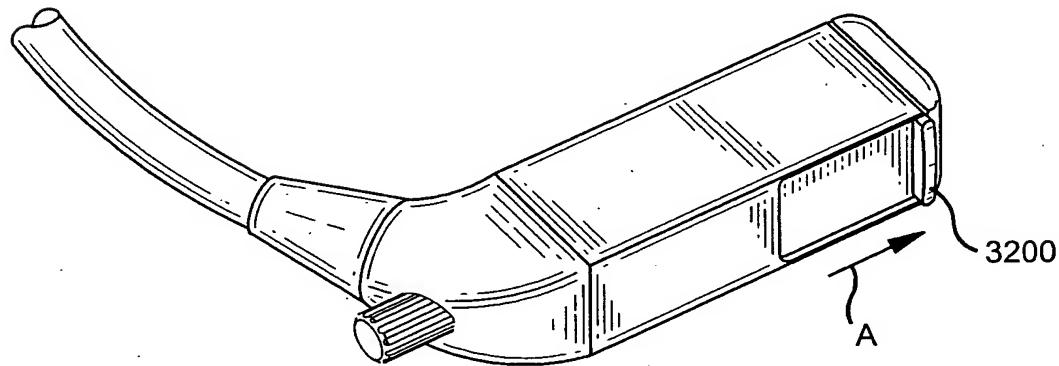


FIG. 10

